

Title (en)
IMPAIRED ALLELES OF GENES INVOLVED IN METABOLIC PATHWAYS AND METHODS FOR DETECTING AND USING THE SAME

Title (de)
BEEINTRÄCHTIGTE ALLELE VON AN STOFFWECHSELWEGEN BETEILIGTEN GENEN UND VERFAHREN ZUM NACHWEIS UND ZUR VERWENDUNG DAVON

Title (fr)
ALLÈLES ALTÉRÉS DE GÈNES IMPLIQUÉS DANS LES VOIES MÉTABOLIQUES, ET LEURS PROCÉDÉS DE DÉTECTION ET D'UTILISATION

Publication
EP 2276857 A1 20110126 (EN)

Application
EP 09724590 A 20090327

Priority
• US 2009038703 W 20090327
• US 4002008 P 20080327

Abstract (en)
[origin: WO2009121044A1] The invention is directed to enzyme variants, responsiveness thereof to cofactors, and in vivo assays for testing the activity of enzyme variants as well as the responsiveness thereof to cofactors.

IPC 8 full level
C12Q 1/68 (2006.01); **C12N 15/52** (2006.01); **C12Q 1/25** (2006.01)

CPC (source: EP KR US)
A61P 3/00 (2017.12 - EP); **A61P 7/02** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **A61P 27/06** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **C12N 15/52** (2013.01 - KR); **C12Q 1/25** (2013.01 - EP KR US); **C12Q 1/6883** (2013.01 - EP KR US); **C12Q 1/6895** (2013.01 - EP KR US); **G01N 33/82** (2013.01 - EP KR US); **C12Q 2600/106** (2013.01 - EP KR US); **C12Q 2600/142** (2013.01 - EP KR US); **C12Q 2600/156** (2013.01 - EP KR US); **G01N 2333/39** (2013.01 - EP KR US); **G01N 2800/04** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009121044 A1 20091001; **WO 2009121044 A8 20101104**; AU 2009228015 A1 20091001; BR PI0910097 A2 20151215; CA 2719733 A1 20091001; CN 102027134 A 20110420; EP 2276857 A1 20110126; EP 2276857 A4 20120125; IL 208456 A0 20101230; JP 2011519267 A 20110707; KR 20100134067 A 20101222; MX 2010010476 A 20101125; RU 2010143882 A 20120510; US 2009281061 A1 20091112

DOCDB simple family (application)
US 2009038703 W 20090327; AU 2009228015 A 20090327; BR PI0910097 A 20090327; CA 2719733 A 20090327; CN 200980117301 A 20090327; EP 09724590 A 20090327; IL 20845610 A 20101003; JP 2011502127 A 20090327; KR 20107023846 A 20090327; MX 2010010476 A 20090327; RU 2010143882 A 20090327; US 41350609 A 20090327